

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problems Mailbox.**

FIGURE 1

GCTCTCCCTGCTCTAGCAAGGACCATGAGGGCGCTGGAGGGGCCAGGCCTGTGCTGCTG  
M R A L E G P G L S L L

TGCCTGGTGTGGCGCTGCCTGCCCTGCTGCCGGTGCCGGCTGTACGCGGAGTGGCAGAA  
C L V L A L P A L L P V P A V R G V A E

ACACCCACCTACCCCTGGCGGGACGCAGAGACAGGGGAGCGGCTGGTGTGCGCCCACTGCG  
T P T Y P W R D A E T G E R L V C A Q C

CCCCCAGGCACCTTTGTGCGCGGCCGTGCCGCCGAGACAGCCCCACGACGTGTGGCCCCG  
P P G T F V Q R P C R R D S P T T C G P

TGTCCACCGCGCCACTACAGCAGTTCTGGAACCTAGGAGCGCTGCCGCTACTGCAAC  
C P P R H Y T Q F W N Y L E R C R Y C N

GTCCTCTGCGGGGAGCGTGAGGAGGAGGCACGGGCTTGCCACGCCACCCACAACCGTGCC  
V L C G E R E E E A R A C H A T H N R A

TGCCGCTGCCGCACCGGCTTCTTCGCGCACGCTGGTTTCTGCTTGGAGCACGCATCGTGT  
C R C R T G F F A H A G F C L E H A S C

CCACCTGGTGGCGCGTGATTGCCCGGGGACCCCCAGCCAGAACACGCAGTGCCAGCCG  
P P G A G V I A P G T P S Q N T Q C Q P

TGCCCCCAGGCACCTTCTCAGCCAGCAGCTCCAGCTCAGAGCAGTGCCAGCCCCACCGC  
C P P G T F S A S S S S S E Q C Q P H R

AACTGCACGGCCCTGGGCGCTGGCCCTCAATGTGCCAGGCTCTTCTCCCATGACACCCTG  
N C T A L G L A L N V P G S S S H D T L

TGCACCAGCTGCACTGGCTTCCCCCTCAGCACCAGGGTACCAGGAGCTGAGGAGTGTGAG  
C T S C T G F P L S T R V P G A E E C E

CGTGCCGTCATCGACTTTGTGGCTTTCCAGGACATCTCCATCAAGAGGCTGCAGCGGCTG  
R A V I D F V A F Q D I S I K R L Q R L

CTGCAGGCCCTCGAGGCCCCGGAGGGCTGGGGTCCGACACCAAGGGCGGGCCGCGCGGCC  
L Q A L E A P E G W G P T P R A G R A A

TTGCAGCTGAAGCTGCGTGGCGGCTCACGGAGCTCCTGGGGGCGCAGGACGGGGCGCTG  
L Q L K L R R R L T E L L G A Q D G A L

CTGGTGGCGCTGCTGCAGGCGCTGCGCGTGCCAGGATGCCCGGGCTGGAGCGGAGCGTC  
L V R L L Q A L R V A R M P G L E R S V

CGTGAGCGCTTCTCCCTGTGCACTGATCCTGGCCCCCTCTTATTTATTCTACATCCTTG  
R E R F L P V H \*

GCACCCCACTTGCACTGAAAGAGGCTTTTTTTTAAATAGAAGAAATGAGGTTTCTTAAAG

CTTATTTTATAAAGCTTTTTCATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

FIGURE 2

TGGCATGTCCGGTCAGGCACAGCAGGGTCCTGTGTCCGGCTGAGCCGCGCTCTCCCTGCT  
 CCAGCAAGGACCATGAGGGCCCTGGAGGGGCCAGGCCTGTGCTGTGCTGCTGGTGTG  
M R A L E G P G L S L L C L V L  
 GCGCTGCCCTGCCCTGCTGCCGGTGGCCGGCTGTACGGGAGTGGCAGAAACACCCACCTAC  
A L P A L L P V P A V R G V A E T P T Y  
 CCCTGGCGGGACGCAGAGACAGGGGAGCGGCTGGTGTGCGCCAGTGGCCCCCAGGCACC  
 P W R D A E T G E R L V C A Q C P P G T  
 TTTGTGCAGCGGCCGTGCCGCCGAGACAGCCCCACGACGTGTGGCCCGTGTCCACCGCGC  
 F V Q R P C R R D S P T T C G P C P P R  
 CACTACACGCAGTTCTGGAACCTGAGAGCGCTGCCGCTACTGCAACGTCTCTGCGGG  
 H Y T Q F W N Y L E R C R Y C N V L C G  
 GAGCGTGAGGAGGAGGCACGGGCTTGCCACGCCACCCACAACCGTGECTGCCGCTGCCGC  
 E R E E E A R A C H A T H N R A C R C R  
 ACCGGCTTCTTCGCGCACGCTGGTTTCTGCTTGGAGCACGCATCGTGTCCACCTGGTGCC  
 T G F F A H A G F C L E H A S C P P G A  
 GCGGTGATTGCCCCGGGTGAGAGCTGGGCGAGGGGAGGGGCCCCCAGGAGTGGTGGCCGG  
 G V I A P G E S W A R G G A P R S G G R  
 AGGTGTGGCAGGGGTGAGTTGCTGGTCCAGCCTTGACCCCTGAGCTAGGACACCAATT  
 R C G R G Q V A G P S L A P \*  
 CCCCTGACCCTGTTCTTCCCTCCTGGCTGCAGGCACCCCCAGCCAGAACACGCAGTGCCA  
 GCCGTGCCCCCAGGCACCTTCTCAGCCAGCAGCTCCAGCTCAGAGCAGTGCCAGCCCCA  
 CCGCAACTGCACGGCCCTGGGCCTGGCCCTCAATGTGCCAGGCTCTTCTCCCATGACAC  
 CCTGTGCACCAGCTGCACTGGCTTCCCCCTCAGCACCAGGGTACCAGGTGAGCCAGAGGC  
 CTGAGGGGGCAGCACACTGCAGGCCAGGCCCACTGTGCCCCCTACTCCTGCCCCCTGCACG  
 TGCATCTAGCCTGAGGCATGCCAGCTGGCTCTGGGAAGGGGCCACAGTGGATTGAGGGG  
 TCAGGGGTCCCTCCACTAGATCCCCACCAAGTCTGCCCTCTCAGGGGTGGCTGAGAATTT  
 GGATCTGAGCCAGGGCACAGCCTCCCCCTGGAGAGCTCTGGGAAAGTGGGCAGCAATCTCC

FIGURE 2 (continued)

TAACTGCCCCGAGGGGAAGGTGGCTGGCTCCTCTGACACGGGGAAACCGAGGCCTGATGGT  
AACTCTCCTAACTGCCCTGAGAGGAAGGTGGCTGCCCTCCTCTGACATGGGGAAACCGAGGC  
CCAATGTTAACCCTGTTGAGAAGTCACAGGGGGAAGTGACCCCTTAACATCAAGTCAG  
GTCCGGTCCATCTGCAGGTCCCAACTCGCCCTTCCGATGGCCCAGGAGCCCCAAGCCCT  
TGCTTGGGCCCCCTTGCCCTCTTGACGCCAAGGTCCGAGTGGCCGCTCCTGCCCCCTAGGC  
CTTTGCTCCAGCTCTCTGACCGAAGGCTCCTGCCCCCTTCTCCAGTCCCCATCGTTGCACT  
GCCCTCTCCAGCACGGCTCACTGCACAGGGATTTCTCTCTCCTGCAAACCCCCCGAGTGG  
GGCCCAGAAAGCAGGGTACCTGGCAGCCCCCGCCAGTGTGTGTGGGTGAAATGATCGGAC  
CGCTGCCCTCCCCACCCCACTGCAGGAGCTGAGGAGTGTGAGCGTGCCGTCATCGACTTTG  
TGGCTTTCAGGACATCTCCATCAAGAGGAGCGGCTGCTGCAGGCCC



[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

235	---	RYQRW	W	SKLYSI	---	VCKZSTPKRZOELEOTT	REFR
240	HCV	IMTOVRK	K	PLC	---	---	REFR
269	---	YIAFK	R	WNSCKQ	---	---	REFR
250	LGR	KLOTLL	R	HR	---	---	REFR
268	---	WVR	K	EVQR	---	---	REFR
269	---	---	PRO	---	---	---	REFR
276	---	ECRPHICAT	S	BATNSCARCVP	---	---	REFR
1	---	---	V	AKK	---	---	REFR
105	---	---	W	P	---	---	REFR
216	---	YQNI8	W	VCT	---	---	REFR
217	---	YQNI8	W	VCT	---	---	REFR
218	---	APQDISIKR	---	---	---	---	REFR
10	---	---	---	---	---	---	REFR

[illegible]

20	CPNPAA	PKRRVAP	YVQ	DDPILATA	----	TFNLI
21	ES	SSSSSS	SSSS	SAL	----	TFNPD
22	80SLHD	QPHNTQ	AG	QALK	----	NKRR
23	----	HH80DLSP	SPACPT	----	----	UBRR
24	----	----	----	IAUV	----	PNR
25	ARTLST	UWPPON	SSSDFI	----	----	COO
26	SKTLP	IA	SSA	TKOPVL	DAOPVL	MYLVVVVC
27	----	SSAPV	SS	APV	----	COO
28	----	DLPOSH	APV	----	----	COO
29	----	----	ALLPL	----	----	COO
30	----	----	YLOLL	----	----	COO
31	----	AKNDG	H	----	----	COO
32	----	TKNDDBS	I	----	----	COO
33	----	----	----	----	----	COO
34	----	AAAA	QALK	----	----	COO
35	----	RRSO	----	----	----	COO

6 of 13

365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

[illegible]



$$\|u\|_{L^{\infty}(\Omega)} \leq \|u\|_{W^{1,p}(\Omega)} + \|f\|_{L^{\infty}(\Omega)}$$
[illegible]

Station	Time	Lat	Long	Alt	Temp	Hum	Wind	Dir	Speed	Pressure	Clouds	Remarks
1	0000	33° 00' N	111° 00' W	10	10.0	80	10	000	0.0	1013.0	000	Clear
2	0100	33° 00' N	111° 00' W	10	9.5	75	10	000	0.0	1013.0	000	Clear
3	0200	33° 00' N	111° 00' W	10	9.0	70	10	000	0.0	1013.0	000	Clear
4	0300	33° 00' N	111° 00' W	10	8.5	65	10	000	0.0	1013.0	000	Clear
5	0400	33° 00' N	111° 00' W	10	8.0	60	10	000	0.0	1013.0	000	Clear
6	0500	33° 00' N	111° 00' W	10	7.5	55	10	000	0.0	1013.0	000	Clear
7	0600	33° 00' N	111° 00' W	10	7.0	50	10	000	0.0	1013.0	000	Clear
8	0700	33° 00' N	111° 00' W	10	6.5	45	10	000	0.0	1013.0	000	Clear
9	0800	33° 00' N	111° 00' W	10	6.0	40	10	000	0.0	1013.0	000	Clear
10	0900	33° 00' N	111° 00' W	10	5.5	35	10	000	0.0	1013.0	000	Clear
11	1000	33° 00' N	111° 00' W	10	5.0	30	10	000	0.0	1013.0	000	Clear
12	1100	33° 00' N	111° 00' W	10	4.5	25	10	000	0.0	1013.0	000	Clear
13	1200	33° 00' N	111° 00' W	10	4.0	20	10	000	0.0	1013.0	000	Clear
14	1300	33° 00' N	111° 00' W	10	3.5	15	10	000	0.0	1013.0	000	Clear
15	1400	33° 00' N	111° 00' W	10	3.0	10	10	000	0.0	1013.0	000	Clear
16	1500	33° 00' N	111° 00' W	10	2.5	5	10	000	0.0	1013.0	000	Clear
17	1600	33° 00' N	111° 00' W	10	2.0	0	10	000	0.0	1013.0	000	Clear
18	1700	33° 00' N	111° 00' W	10	1.5	0	10	000	0.0	1013.0	000	Clear
19	1800	33° 00' N	111° 00' W	10	1.0	0	10	000	0.0	1013.0	000	Clear
20	1900	33° 00' N	111° 00' W	10	0.5	0	10	000	0.0	1013.0	000	Clear
21	2000	33° 00' N	111° 00' W	10	0.0	0	10	000	0.0	1013.0	000	Clear
22	2100	33° 00' N	111° 00' W	10	0.0	0	10	000	0.0	1013.0	000	Clear
23	2200	33° 00' N	111° 00' W	10	0.0	0	10	000	0.0	1013.0	000	Clear
24	2300	33° 00' N	111° 00' W	10	0.0	0	10	000	0.0	1013.0	000	Clear

9 of 13

FIGURE 4

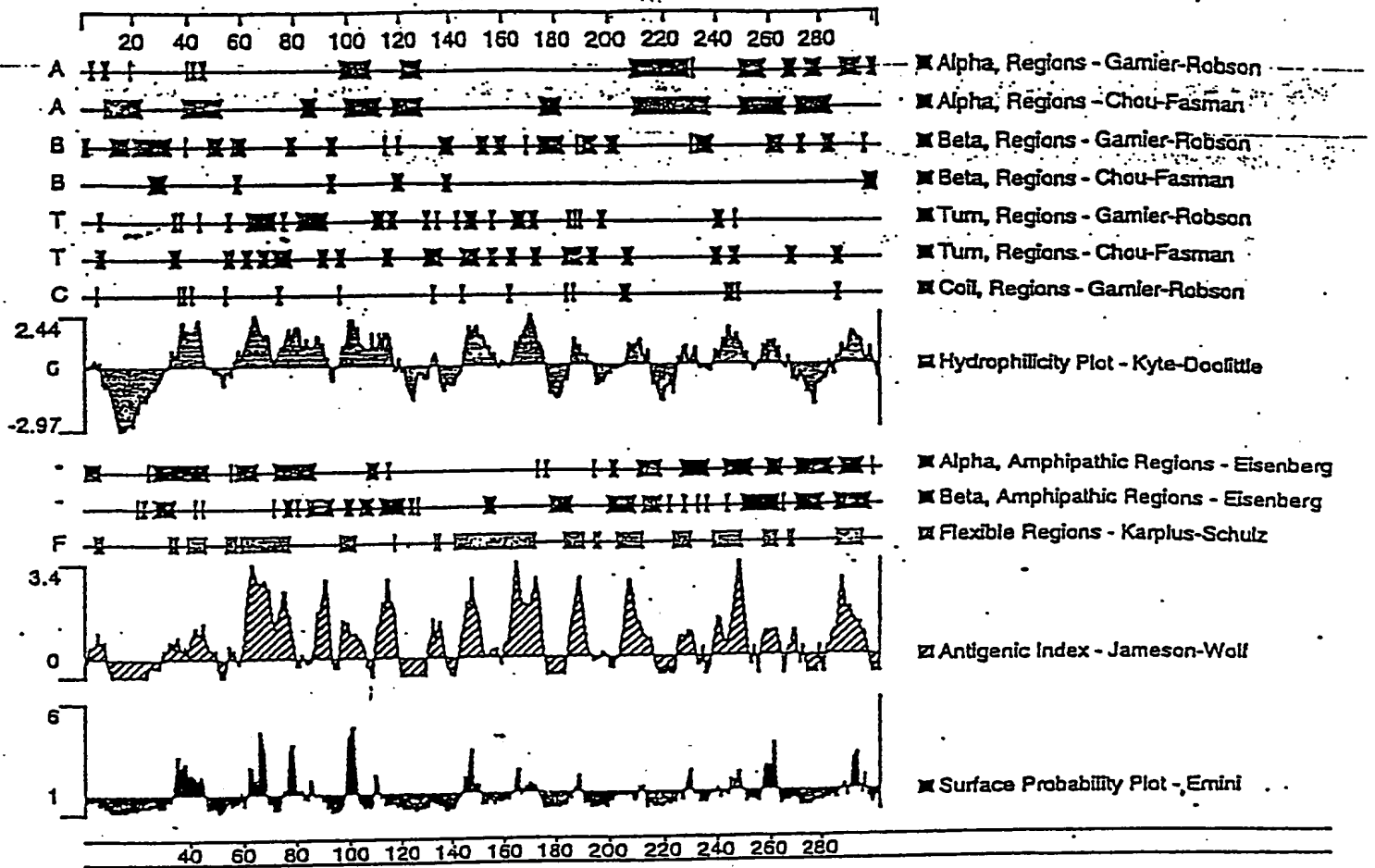
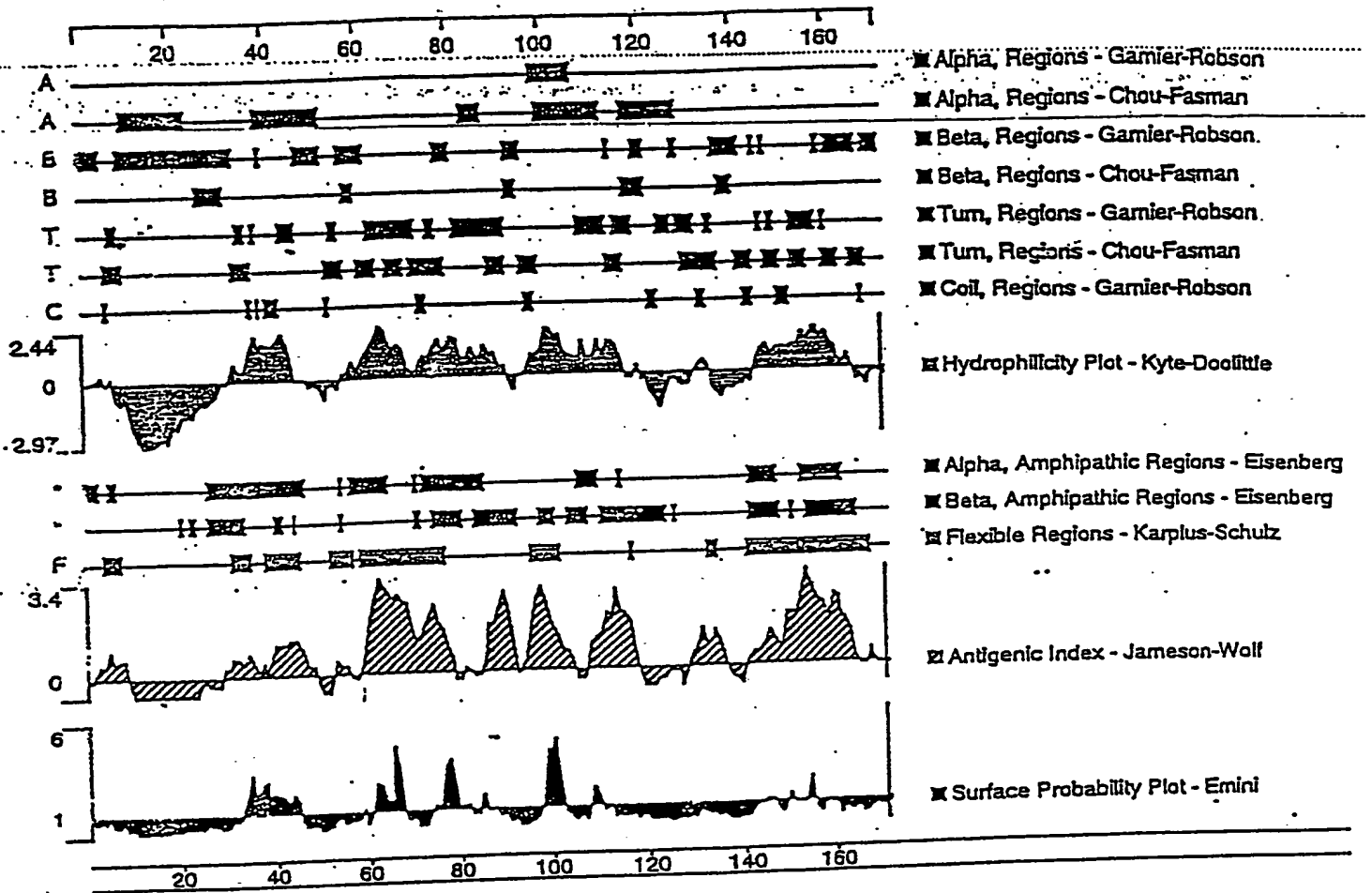


FIGURE 5

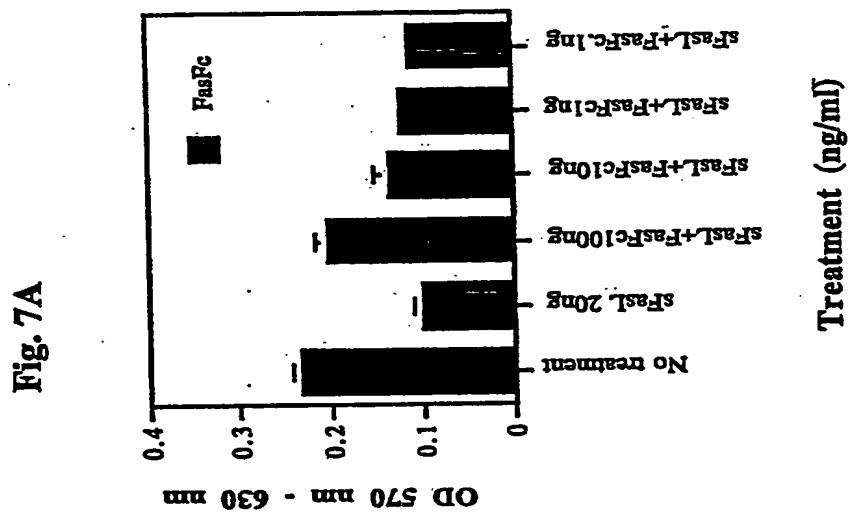
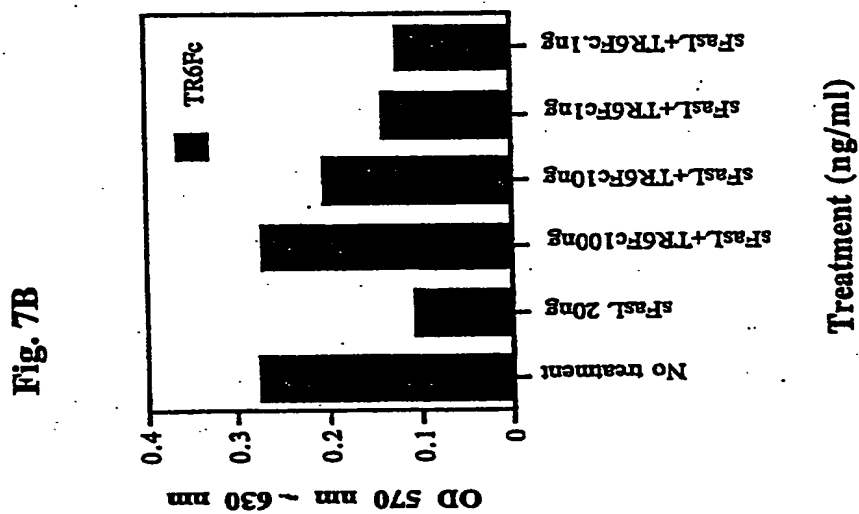


HELDI06R

GGCACGAGCA GGGTCCTGTG TCCGCCCTGA GCCGCGCTCT NCCTGCTCCA GCAAGGACCA  
 TGAGGGCGCT GGAGGGGCCA GGCCTGTGCG TGCTGTGCCT GGTGTTGGCG CTGCCTGCCC  
 TGCTGCCGGT GCCGGCTGTA CGCGGAGTGG CAGAAACACN NACNTACCCC TGGCGGGACG  
 NAGAGACAGG GGAGCGGCTG GTGINTNCCC ANTGCCCCC AGGCACCTTT NTGCAGCGGC  
 GTGCGCGNCG AGACACCCCC ACGACGTGTG GCCCGTNTCC ACCGCGCCAC TACACGCATT  
 CTGGAACCTAC CTGGAGCGCT GNCGTACTN CAACGTCTCT TCGGGGGAGC GTNAGGAGGA  
 GGCACGGGTT TNCCACGNCA ACCACAACCG NGGNTTACCG TNGCCGNACC GGTTCCTCG  
 NGGCAAGTTG GTTTTNTNTT TGGAGTAAGG ATTCGTGTIN CAATTNATTG ACGNAGTGAT  
 TNNNCNCGGG AAACNTAAA

HCEOW38R

CGCAACTGCA CGGCCCTGGG ACTGGCCCTC AATGTGCCAG GNTCTTCCTC CCATGACACC  
 CTGTGCACCA GCTGCACTGG CTCCCCCTC AGCACCAGGG TACCANGAGC TGAGGAGTGT  
 GAGCNTGCCG TCATCGACTT TTTGGCTTTC CAGGACATCT CCATCAAGAG GCTGCAGCGG  
 CTGCTCANGC C



## FIGURE 7